TARIFF USERS GUIDE

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TARIFF USERS GUIDE (Cont'd)

INTRODUCTION

The Tariff Users Guide is meant to assist both experienced and inexperienced users of this tariff in understanding the following:

- tariff content, structure, format and organization,
- effective dates and numbering schemes,
- tariff maintenance procedures,
- symbols and abbreviations, and
- references to other documents/tariffs.

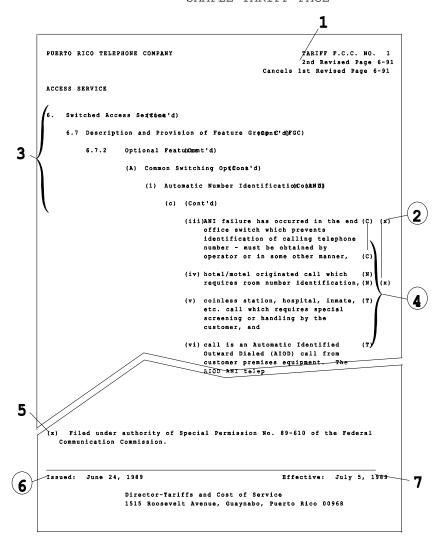
For the experienced user, this Guide contains information which assist in further understanding the tariff and explains procedures related to tariff filings. For the inexperienced user, this Guide should be the starting point of tariff familiarization. It acts as a "road map" to the tariff and should be reviewed first, followed by an examination of the Table of Contents and other administrative documents supplied by PRTC.

Immediately preceding this Introduction is a Table of Contents relating strictly to this Guide. This Table of Contents exists in order to provide an overview of the entire Tariff Users Guide, and to assist in quickly finding topics of interest.

Following this Introduction are sample tariff pages that are for illustrative purposes only. They depict and explain tariff methodologies. This Guide is for user benefit only and, in case of conflict, Commission Rules and actual tariff pages take precedence over this Guide.

ACCESS SERVICE TARIFF USERS GUIDE (Cont'd)

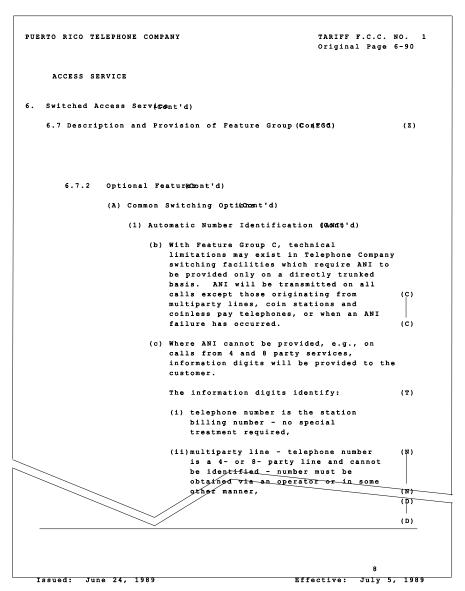
- SAMPLE TARIFF PAGE -



- 1. Denotes the revision number of the page, starts with original and progresses 1st, 2nd, etc.
- 2. Marginal code directing the reader to a footnote.
- 3. Alpha-numeric numbering plan.
- 4. Symbolization required by FCC Rules designating various types of changes made to the tariff.
- 5. Footnote to which the reader was referred by 2, preceding.
- 6. The date the page was filed with the FCC.
- 7. The date the tariff page is <u>scheduled to go into effect at the time of its filing</u>. May be superseded by a supplement, or the effective date of certain material may be deferred by a subsequent page containing a footnote. See page 27, following, for example.

ACCESS SERVICE TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -



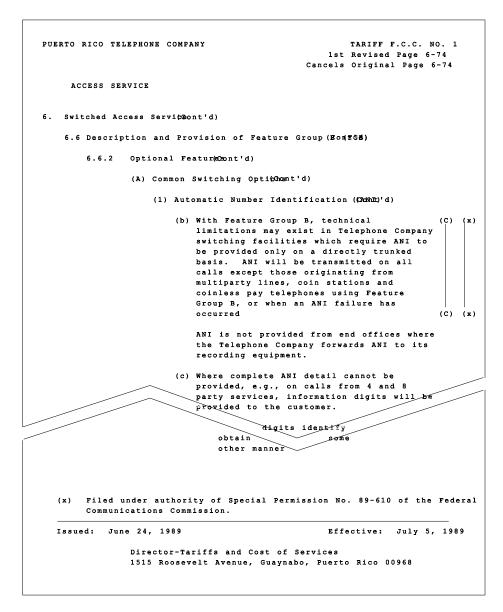
Director-Tariffs and Cost of Services

The coding on this page illustrates the following:

- (Z) a correction (typo, misspelling, etc.)
- (C) change in regulation
- (D) deleted material
- (N) new rate or regulation
- (T) change in text but no change in regulation See page 41 for a complete list of symbols.

ACCESS SERVICE TARIFF USERS GUIDE (Cont'd)

- SAMPLE TARIFF PAGE -

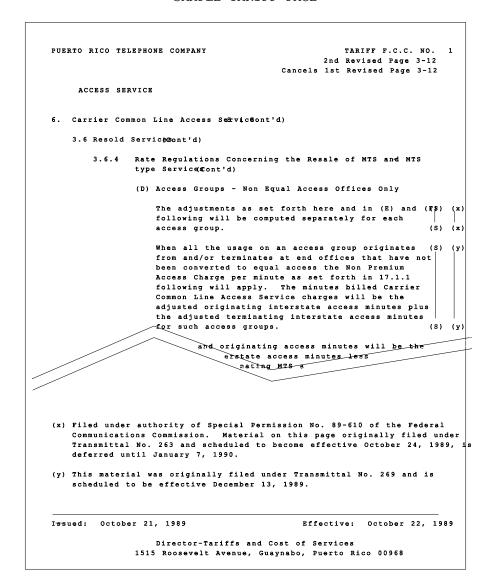


This footnote indicates that the filing is being made pursuant to a Special Permission granted by the FCC. The Special Permission can be included in the ordering clause of a Commission Order or in a letter from the Commission requiring deferral under Part 61.58(a)(2) of the FCC Rules. More often, the Special Permission has been requested by PRTC to file tariff changes that require a waiver of the Commission Rules (e.g., filing on less than statutory notice).

Issued: May 6,1996 Effective: July 1, 1996

Director - Tariffs and Cost Services 1515 Roosevelt Avenue Guaynabo, Puerto Rico 00968

ACCESS SERVICE TARIFF USERS GUIDE (Cont'd) - SAMPLE TARIFF PAGE -



In this example, the (x) footnote denotes a change in the effective date of material from a previously filed page. The effective date on this new page will be the same as, or prior to, the original effective date on the previously filed page. The deferred or rescheduled material effective date is included in the footnote. The currently effective page should be retained until the new material goes into effect.

The (y) footnote notifies the user that other material on this page was changed under a different transmittal and indicates the effective date for that material.

Additionally, the (S) coding to the right of the tariff text identifies all material which is being reissued, without change, prior to becoming effective.

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TARIFF USERS GUIDE (Cont'd)

GENERAL

This tariff contains rates and regulations applicable to Access Services.

TARIFF PAGE FORMAT

(Page 23 preceding contains an annotated sample tariff page.)

<u>Page Numbering</u>. Page numbers are located in the upper right corner of each tariff page. Pages for each tariff section are numbered sequentially. The page number shows the tariff section and its location in that section. For example, page 15-2 is the second page of Section 15. When a new page must be added between existing pages, a decimal and number is added to the previous page number, to sequentially number the new page. For example, a new page between existing pages 6-20 and 6-21 would be numbered 6-20.1. A new page added between pages 7-18.1 and 7-18.2 would be numbered 7-18.1.1.

<u>Page Revision Numbering</u>. Page Revision Numbers are located in the upper right corner of each tariff page. This number is the most recent page revision on file with the FCC. Due to Notice Periods, and changed Effective Dates, <u>the most recent page on file with the FCC may not be in effect</u>. Consult the <u>Page Effective Date on a specific page and Tariff Supplements to determine if that page is in effect</u>.

Page Effective Date. The Page Effective Date in the lower right corner is the date the page is scheduled to go into effect (at 12:01 AM on that date). THIS DATE MAY BE CHANGED ON PRTC'S OWN INITIATIVE OR DUE TO FCC DIRECTIVE. THE PAGE EFFECTIVE DATE MAY THEN BE CHANGED BY EITHER REISSUING WITHOUT REISSUING THE PAGE. A Tariff Supplement is usually used when many tariff pages are involved to avoid the necessity of reprinting and reissuing many pages solely to change the effective date.

TARIFF USERS GUIDE (Cont'd)

TARIFF PAGE FORMAT (Cont'd)

Material Effective Date. For the most part, the Page Effective Date found in the lower right corner of the tariff page is the date material becomes effective. As described in Page Effective Date immediately preceding, this may not be the case if a Tariff Supplement has been issued in lieu of reprinting and reissuing many pages. The use of Other Marginal Codes also may be employed to modify the Material Effective Date. Such Other Marginal Codes, lower case letters of the alphabet, (e.g., x, y and z) are ordinarily found in the right margin and direct the reader to footnotes which may contain information concerning the effective date of the page or certain material found on the page. See page 23, preceding, for an example of the use of such other marginal codes.

In summary, (1) read footnotes since they may contain Material Effective Dates other than Page Effective Dates and (2) be aware of Tariff Supplements which may have changed Page Effective Dates in mass. Further on in this section, under the heading "Maintaining Your Tariff", is an explanation of how to keep all these dates straight.

<u>Page Issue Date</u>. The Issue Date in the lower left corner of each tariff page is the date that page was filed with the FCC.

<u>Tariff Section Numbering</u>. An alpha-numeric numbering plan is used to number tariff regulations and rates. Each level is subordinate to and dependent on its next higher level. An example of the numbering sequence follows:

6.1

6.1.1

6.1.1(A)

6.1.1(A)(1)

6.1.1(A)(1)(a)

6.1.1(A)(1)(a)(i)

TARIFF USERS GUIDE (Cont'd)

TARIFF PAGE FORMAT (Cont'd)

Tariff Revision Coding

Revisions to this tariff are coded through the use of symbols. These symbols are <u>upper case letters of the alphabet</u> and appear in the right margin of the page. The symbols and their meanings are set forth on page 41, following. An example of the use of such coding is set forth on page 23, preceding.

Other marginal codes are used to direct the reader to a footnote for specific information. Codes used for this purpose are \underline{lower} case $\underline{letters}$ of the $\underline{alphabet}$, e.g., x, y and z. These codes may appear beside the page revision number or in the right margin opposite specific text. See page 23, preceding, for an example of the use of such other marginal codes.

TARIFF STRUCTURE AND ORGANIZATION

Tariff Supplements

A Supplement may be filed with the FCC to cancel or suspend a tariff, impart other information such as Rate Adjustment Factors (RAFs), or under Special Authority, to change the effective date of tariff pages or tariff material without reissuing or refiling the affected tariff pages.

A Supplement will briefly describe the action taken (e.g., suspension, deferral, effective date change, etc.) as well as indicate what tariff material, sections or pages are effected.

The Supplements in effect are listed by number on the first Check Sheet, in the text at the top of that Check Sheet. When a Supplement is no longer needed, it will be deleted from the Check Sheet.

It is recommended that Supplements be placed in the front of the tariff, preceding the Title Page.

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Title Pages (Title Page 1)

Title Page 1 provides information regarding the FCC number of the tariff, the class of service provided, the geographical application of the tariff, and the type of facilities used to provide service. This page also provides information related to the origination of the tariff.

Title Page 2 includes PRTC's study areas. PRTC is the issuing carrier whose authority to provide and bill for Access Services is this tariff.

Check Sheets (Page 1)

When new or revised tariff pages are filed with the FCC, revised and updated Check Sheets are also filed with the FCC.

The Check Sheets list all pages in the tariff as well as the most recent revision number of each page. When pages are changed or added, the Check Sheets are changed to reflect the change or addition. An asterisk (*) is placed next to revised or added pages to highlight the pages changed.

The Check Sheets list the most recent page revision filed with the FCC. They do not indicate that the latest revision is effective. The effective date on the tariff page itself and Tariff Supplements must be examined to determine page effectiveness. Furthermore, as explained in Material Effective Date preceding, footnotes may govern the effective date of certain material contained on the page. See page 26 preceding, for an example of such a footnote.

Table of Contents (Pages 2 through 19)

The Table of Contents lists the Sections and paragraphs of the Tariff and provides a page number at which that Section or paragraph begins.

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Other Carriers (Page 40)

In addition to the Issuing Carrier, all Concurring, Connecting and Other Participating Carriers, are listed in the tariff. There are none in this tariff.

Symbols and Abbreviations (Pages 41 and 42)

A listing and explanation of tariff coding symbols and abbreviations used in the tariff are provided.

Technical Publications (Pages 43 and 45)

The status and availability of technical publications required for the provision of Access Service are provided. These technical publications are referenced throughout the tariff, in many cases in the form of footnotes.

Section 1 - Application of Tariff

States the application of the access service tariff.

Section 2 - General Regulations

States the general regulations that apply to the access services offered by this tariff.

<u>Section 3 - Carrier Common Line Access Service and Section 4 - End User Access Service</u>

States the regulations concerning Carrier Common Line and End User Access Service, respectively. PRTC references NECA F.C.C. Tariff No. 5 for Carrier Common Lines and End User Access Services.

Section 5 - Ordering Options

States the requirements of and regulations governing Access Orders and also the regulations concerning Access Orders when service is provided by multiple exchange carriers.

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Section 6 - Switched Access Service

States the regulations governing the provision of Switched Access Service. This section is subdivided into General, Undertaking of the Telephone Company, Obligations of the Customer and Rate Regulations which relate to all Switched Access Services. In addition, this section contains subdivisions for the Description and Provision of each Switched Access Feature Group Service (e.g., FGA, FGB, FGC and FGD).

<u>Section 7 - Special Access Service</u>

States the regulations for Special Access Service. This section is subdivided into General, Rate Regulations and Surcharge For Special Access Service which relate to Special Access Services. In addition, there are subdivisions describing each of the seven Special Access classes of service (e.g., Metallic, Telegraph, Voice Grade, Program Audio, Video, Digital Data and High Capacity). There is also a subdivision for Individual Case Basis Filings (ICBs).

Section 8 - Reserved for Future Use

Section 9 - Directory Assistance Service

States the regulations governing Directory Assistance (DA) Service. This section is subdivided into General, Undertaking of the Telephone Company, Obligations of the Customer and Rate Regulations. Additionally, it explains and illustrates DA service when it is directly trunked and when provided in combination with Switched Access Service.

Section 10 - Special Federal Government Access Service

This section covers Special Access Services that are provided to a customer for use only by agencies or branches of the Federal Government and other users authorized by the Federal Government. Services provided to state emergency operations are included.

Section 11 - Special Facilities Routing of Access Services

This section covers Special Facilities Routing which involves access services which may be routed (1) via diverse routes in order to affect an added margin of protection and reliability in the event of facility outages (2) via routes avoiding specified geographical locations or (3) via cable only facilities.

TARIFF USERS GUIDE (Cont'd)

TARIFF STRUCTURE AND ORGANIZATION (Cont'd)

Section 12 - Specialized Service or Arrangements

This section covers service or arrangements not offered under other sections of this tariff. When service or arrangements are furnished via this section, they are provided on an individual case basis (ICB).

Section 13 - Additional Engineering, Additional Labor, Miscellaneous Services And Presubscription

This section covers the regulations governing Additional Engineering, Additional Labor, Miscellaneous Services and Presubscription.

Section 14 - Exceptions to Access Service Offerings

This section is provided to identify those Issuing Carriers who do not provide certain categories of Access Service offered by this tariff.

Section 15 - Access Service Interfaces and Transmission Specifications

This section covers the technical specifications and service parameters of Access Services. Explains and lists Network Channel (NC) codes, Network Channel Interface (NCI) codes and Service Designator (SD) codes. Displays the technical specifications packages available with Special Access Service.

Section 16 - Reserved For Future Use

Section 17 - Rates and Charges

This section provides all the rates and charges for the Access Services (T) except Virtual Expanded Interconnection Service contained in this tariff. It is organized by Common Line Access Service, Switched Access Service, Special Access Service and Other Services.

Section 18 - Virtual Expanded Interconnection Service (VEIS)

This section covers the rates regulations governing VEIS.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF

Maintaining a complete and up-to-date tariff can become quite complex, especially when there is a great deal of tariff revision activity underway. This complexity is increased when several revisions are made to the same tariff page(s) in a short period of time. It is also complicated by the use of Tariff Supplements to change dates, defer proposed revisions, etcetera.

A way of dealing with this complexity requires that each FCC Transmittal Letter and associated tariff pages be dealt with separately and sequentially, preferably as received. If several transmittal letters are received at one time, or several are to be dealt with at one time, it is still best to deal with them sequentially.

Following is an explanation of how filings are made, what they contain, and a suggested procedure for dealing with each Transmittal Letter.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Filings Made with the Federal Communications Commission (FCC)

Each FCC tariff filing package will typically consist of at least three parts:

- A transmittal letter from PRTC to the FCC, required with such filings.

 This is usually a one or two page letter constructed to comply with FCC Rules, summarizing the filings.
- One or more "Check Sheets", which are pages of the tariff, showing the current revision numbers of all pages. On each tariff page, this revision number is located in the upper right hand corner, e.g., "13th Revised Page 6-6".
- One or more revised tariff pages, which carry the revision number listed on the enclosed check sheets, and has an Effective Date in the lower right corner of the page. The Issue Date in the lower left corner is the date the revision was filed with the FCC.

In addition to or in place of revised tariff pages, a Supplement page may be received. This page can be identified by the words "Supplement No. X to Tariff FCC No. X" in the upper right corner.

(Note: Supplements that are effective are listed by number, on check sheet page 1, in the text, directly under the heading CHECK SHEET.)

Check sheets, other tariff pages and supplements are part of the tariff and must be filed in the tariff to keep it current. Check sheets and other numbered pages should be inserted into the tariff in their appropriate locations. It is recommended that supplement pages be filed in the front of the tariff, preceding the Title Page.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current

- 1. It is recommended that one filing package (transmittal letter, check sheets, tariff pages, or supplement) be handled at a time. If there are two or more filing packages that must be added to the tariff, start with the lowest numbered transmittal first and work up. For example, if transmittal letters Nos. 19, 20 and 21 are received at the same time, work with 19 first, then 20, then 21.
- 2. For each filing package, compare the revised Tariff Check Sheets with each enclosed Tariff Page to determine that the revision number on the check sheet(s) coincides with the tariff page. The Page 1 Check Sheet, which is issued with each FCC Transmittal Letter (the letter to the FCC signed by the Director-Tariffs and Cost of Services), provides the latest revision number of each check sheet. The check sheets include the latest revision number of all subsequent tariff pages. An asterisk (*), indicating a new or revised page, next to page numbers/revision numbers on the check sheets indicates which tariff pages are included with each transmittal. For example, if the Check Sheet indicates that Tariff Page No. 6-7 is the 5th Revision, it should be in the package received. Other revisions may exist in the tariff, 4th, 3rd, 2nd, etc., don't discard them yet.
- 3. Examine the Effective Date in the lower right hand corner of the most recently revised Tariff Pages. If the date is in the future, the tariff page is pending and not yet effective. For example, if 5th Revised Page 6-7 has an Effective Date of February 1, 1996, and it is January 15, 1996, that page is not yet effective. This is not the case with check sheets. The check sheet Revision Number is the important thing, since each succeeding check sheet supersedes the previous one, regardless of its effective date.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current (Cont'd)

- 4. If the Effective Date of a revised tariff page is in the future, examine the Effective Date of the previously revised tariff page to determine if the tariff page is in effect or is pending. If the Effective Date has passed and notification has not been received to the contrary (see item 6 following), the tariff page is in effect. If this is the case, discard any previous revisions which may exist since they have been superseded. For example, if 4th Revised Page 6-6 has an Effective Date of January 1, 1996, and it is January 15, 1996, it is not necessary to retain copies of 3rd, 2nd, 1st revisions of Page 6-6. Recent Supplements should be checked to see if effective dates have been deferred. If the Effective Date of the 4th Revised Page has not passed, examine the 3rd revised page, and any previously revised pages, until arriving at a page that carries a date that has passed. It is possible to have more than one revised page pending. (For example, 1st Revised Page 7-14 has an Effective Date of January 1, 1996, 2nd Revised is February 1, 1996, 3rd Revised is March 1, 1996, etc.) See Step 6 following regarding the changing of Effective Dates.
- 5. Pending tariff pages need not be filed in the tariff until they become effective. This will require that an "update file" be established by effective dates for pending pages. A way to keep pending (not yet effective) pages segregated but still a part of the tariff, is to punch holes in the right margin and file them in the tariff backwards, facing the effective page to be replaced. Then periodically, or when a new FCC Transmittal is received, replace superseded pages with effective pages. This also provides a convenient way to see what changes are pending.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

Keeping The Tariff Current (Cont'd)

- 6. There are several ways of changing the effective date of a tariff page.
 - If only a few pages require new effective dates, the pages may be reissued with revised effective dates.
 - When a change in the effective date of multiple tariffs is required a Tariff Supplement may be issued. Supplements are numbered sequentially. These supplements are an integral part of the tariff and it is suggested that they be filed in the front of the tariff, preceding the Title Page. The status of each Supplement is also given on Page 1, the first Check Sheet. Effective supplement numbers are given in the text near the top of the page, just under the heading "Check Sheet". The supplement will explain what material or pages are affected by the supplement's action and give the new dates and action involved. To keep track of dates changed by a supplement, it is suggested that the effective date printed on the affected tariff pages have a line drawn through it, with the new date written just below it. An explanatory note, such as "Supp. #10", written next to the new date.

What To Do When Everything Else Fails

- 1. If a tariff has become outdated and does not contain all of the current effective or pending pages, there is a method to make it current.
- 2. Make sure that you have the latest revision of the first page of the check sheet. Users of this tariff can determine the number of the latest revision by calling the Puerto Rico Telephone Company's Tariff and Cost of Services Department at (787) 749-3158. If you do not have the latest revision, ask the person who responds to send the latest revision of the tariff's check sheets.

TARIFF USERS GUIDE (Cont'd)

MAINTAINING THE TARIFF (Cont'd)

What To Do When Everything Else Fails (Cont'd)

- 3. If you have the latest revision of Check Sheet, Page 1, examine the other check sheets to determine that they are the latest revisions. The latest revision number of all the other check sheets is given on Check Sheet, Page 1. If the latest revision of one or more of the subsequent check sheets is missing, call the PRTC's Tariff and Cost of Services Department as outlined in Step 2 preceding.
- 4. Working from the latest revision of the check sheets, verify that each page has the same revision number as that given on the check sheets. If several revisions of the same page exist, do not discard. If the latest revision listed cannot be found or pages are missing, call the telephone number as indicated in Step 2 preceding. If a page in the tariff contains the incorrect revision date, call to receive the latest and any intervening revisions, but do not discard the page.
- 5. If the revision number corresponds with the check sheet, examine the effective date in the lower righthand corner. Verify that the material has not been deferred or rejected by issuance of a more recent page revision or supplement. If the date has passed and notification has not been received to the contrary, that page is effective and all previous revisions may be discarded. If the effective date has not been reached, the page is pending and a previous revision is in effect. Examine the next previous revision to see if its effective date has passed, or if it is pending. It may be necessary to examine several previously revised pages, since there may be more than one page pending. Upon reaching the currently effective page, all previous revisions may be discarded.
- 6. At this point, all effective and pending pages should be in the tariff.

CONCURRING CARRIERS

NO CONCURRING CARRIERS

CONNECTING CARRIERS

NO CONNECTING CARRIERS

OTHER PARTICIPATING CARRIERS

NO OTHER PARTICIPATING CARRIERS

REGISTERED SERVICE MARKS

REGISTERED TRADEMARKS

NONE

EXPLANATION OF SYMBOLS

- C to signify changed regulation.
- D to signify discontinued rate or regulation.
- I to signify increase to a rate or charge.
- M to signify matter relocated without change.
- N to signify new rate or regulation.
- R to signify reduction to a rate or charge.
- S to signify matter reissued without change.
- T to signify a change in text but no change in rate or regulation.
- Z to signify a correction.

EXPLANATION OF ABBREVIATIONS

- Abbreviated Dialing Arrangement

- Actual Measured Loss AML

- Automatic Number Identification ANI

- Program Audio AP

- American Telephone and Telegraph Company AT&T

BHMC - Busy Hour Minutes of Capacity - Common Channel Signaling CCS - Customer Designated Premises CDP

- Channel Interface CI - Charge Number Parameter CNP

CO - Central Office

Cont'd - Continued

CPE - Customer Provided Equipment

- Calling Party Number CPN

- Carrier Selection Parameter CSP

- Directory Assistance DA

dB - decibel

dBrnC - Decibel Reference Noise C-Message Weighting dBrnCO - Decibel Reference Noise C-Message Weighted O

- direct current dc

- Direct Distance Dialing DDD - Extended Area Service EAS - Envelope Delay Distortion EDD - Expected Measured Loss EML

- Echo Path Loss EPL - Echo Return Loss ERL

ESS - Electronic Switching System
ESSX - Electronic Switching System Exchange
f - frequency
F.C.C. - Federal Communications Commission

EXPLANATION OF ABBREVIATIONS (Cont'd)

HC High Capacity

Ηz Hertz

ΙC Interexchange Carrier ICB Individual Case Basis ICL Inserted Connection Loss

kbps kilobits per second

kHz kilohertz

LATA Local Access and Transport Area

milliamperes

Mbps Megabits per second

mcs Microsecond MHz Megahertz

Monthly Recurring Charge MRC

Metallic

MTS Message Telecommunications Service(s)

Numbering Plan Area NPA NRC Nonrecurring Charge

Three-Digit Central Office Prefix NXX

Private Branch Exchange PBX

Presubscribed Interexchange Carrier PIC

Point of Termination POT SAC Service Access Code

SNAL Signaling Network Access Line

Signaling Point SP

SPOI Signaling Point of Interface

Singing Return Loss SRL SSP Service Switching Point SS7 Signaling System 7 STP Signal Transfer Point SWC Serving Wire Center ΤG Telegraph Grade

TLP Transmission Level Point

TV Television VG Voice Grade

V & H -Vertical & Horizontal

WATS Wide Area Telecommunications Service(s)

WSC Wireless Switching Center

WSO WATS Serving Office

(X)

(X)

ACCESS SERVICE

REFERENCE TO OTHER TARIFFS

Whenever reference is made in this tariff to other tariffs of the Telephone Company, the reference is to the tariffs in force as of the effective date of this tariff, and to amendments thereto and successive issues thereof.

The following tariffs are referenced in this tariff and may be obtained from the Federal Communications Commission's commercial contractor:

National Exchange Carrier National Exchange Carrier Association, Inc.

Special Construction Interstate Access Service Tariff F.C.C. No. 3 Tariff F.C.C. No. 5 Tariff F.C.C. No. 4

REFERENCE TO TECHNICAL PUBLICATIONS

The following technical publications are referenced in this tariff and may be obtained from Bell Communications Research, Inc., Customer Services, 60 New England Ave., Piscataway, NJ 08854-4196.

Technical Reference:

Multiple Exchange Carrier Access Billing (MECAB) Guidelines Issued: June 1994

Multiple Exchange Carrier Ordering and Design (MECOD) Guidelines Issued: May 1994

PUB 41004 Data Communications Using Voiceband Private Line Channels Issued: October 1973

PUB 62310 (MDP-326-726) Digital Data System Channel Interface Specification

Issued: September 1983

PUB 62411 High Capacity Digital Service Channel Interface Specification

Issued: September 1983, Addendum October 1984

 ${\tt TR-NPL-000258}$ Compatibility Information for Feature Group D Switched Access Service

Issued: October 1985

TR-NWT-000334 Issue 2 Voice Grade Switched Access Service - Transmission Parameter Limits and Interface Combinations Issued: September 1990

(X) Filed under the authority of Special Permission No.96-288 of the Federal Communications Commission.

(X)

ACCESS SERVICE

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

TR-TSY-000335, Issue 2 Voice Grade Special Access Service - Transmission Parameter Limits and Interface Combinations Issued: May 1990

TR-NPL-000336 Metallic and Telegraph Grade Special Access Service - Transmission Parameter Limits and Interface Combinations Issued: October 1987

TR-NPL-000337 Program Audio Special Access Service and Local Channel Services

Issued: July 1987

TR-NPL-000338 Television Special Access and Local Channel Services - Transmission Parameter Limits and Interface Combinations Issued: December 1986

TR-NWT-000341 Digital Data Special Access Service - Transmission Parameter Limits and Interface Combinations Issued: Issue 2, February 1993

TR-INS-000342 High Capacity Digital Special Access Service Issued: February 1991

SR-STS-000307 Issue 5 NC/NCI Code Dictionary Issued: May 1994

TR-TSY-000506 LATA Switching Systems Generic Requirements (LSSGR) Section 6
Issued: October 1987, Revised December 1988, Revised June 1990

TR-NPL-000054 High Capacity Digital Service (1.544 Mbs) Interface Generic Requirements for End Users Issued: April 1989

Issued: April 1989 Available: April 1989

TR-TSV-000905 Common Channel Signaling Network Interface (X) Specification Supplement 1
Available: August 1989

(X) Filed under the authority of Special Permission No. 96-288 of the Federal Communications Commission.

REFERENCE TO TECHNICAL PUBLICATIONS (Cont'd)

The following technical publication is referenced in this tariff and may be obtained from the Bell Communications Technical Education Center, Room B02, 6200 Route 53, Lisle, IL 60532.

Telecommunications Transmission Engineering (X)
Volume 3 - Networks and Services (Chapters 6 and 7)
Second Edition, 1980
Issued: June 1980 (X)

The following technical publication is referenced in this tariff and may be obtained from the National Exchange Carrier Association, Inc., Director - Access Tariffs, 100 So. Jefferson Road, Whippany, NJ 07981 and the Federal Communications Commission's commercial contractor.

PUB AS No. 1, Issue II Access Service (X)
Issued: May 1984
Addendum: March 1987 (X)

The following publications are referenced in this tariff and may be obtained from the Government Printing Office, Superintendent of Documents, Document Control Branch, 941 N. Capital St., N.E., Washington, D.C. 20401.

Telecommunications Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service Vendor Handbook, National Communications System (NCSH 3-1-2).

Issued: July 1990 Available: August 1990

Telecommunication Service Priority (TSP) System for National Security Emergency Preparedness (NSEP) Service User Manual, National Communications System (NCSM 3-1-1).

Issued: July 1990 Available: August 1990

The following publication is referenced in this tariff and may be obtained from Director-Sales Operations, Integrated Network Corporation, P.O. Box 6875, Bridgewater, NJ 08807.

Integrated Network Corporation Document CB-INC-100 Available: June 1990

The following publication is referenced in this tariff and may be obtained from AT&T, 26 Parsippany Road, Whippany, NJ 07981.

AT&T PUB 62310 (and its Addendum 2 and Addendum 3)

Available: October 1989 (X) Filed under the authority of Special Permission No. 96-288 of the Federal Communications Commission.